ABSTRACT OF THE DISCLOSURE

Powdered organic material s are mixed to form a homogeneous mixture, which includes, at least one dopant component and one host component, to form a pellet for use in thermal physical vapor deposition to produce an organic layer on a substrate for use in an organic light-emitting device. The method of mixing includes, combining organic materials in a powder form and placing the powder organic materials in a container, heating the container in a range of temperatures from 40 to 100°C for 30 to 100 minutes while purging the atmosphere in the container to a reduced pressure in a range from 10^{-1} to 10^{-3} Torr to remove moisture. Filling the container with an inert atmosphere, mixing the powder organic materials in the inert atmosphere to form a homogeneous mixture of powder organic materials, and compacting the homogenous mixture of powder organic materials to form a pellet.